DOCUMENT RESUME

ED 156 205 CG 012 800

AUTHOR Buckalew, L. W.
TITLE A Bibliography of Recent Alcohol Research.
PUB DATE [77]
NOTE 8p.; Not available in hard copy due to marginal legibility

EDRS PRICE MF-$0.83 Plus Postage. HC Not Available from EDRS.
DESCRIPTORS *Alcoholism; Bibliographic Citations; Bibliographies; Biochemistry; *Biological Influences; *Environmental Influences; Heredity; Neurological Defects; Neurology; Pathology; *Prenatal Influences; *Social Factors

ABSTRACT

This compilation of bibliographic citations consists of approximately 70 recent alcohol research references, categorized topically. These post-1972 references are offered in order to reduce the communication problem between the public and the scientific community by informing researchers about the most recent and available alcohol knowledge and about the direction of this research. (Author/RF)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

HARD COPY NOT AVAILABLE

"PERMISSION TO REPRODUCE THIS MATERIAL IN MICROFICHE ONLY HAS BEEN GRANTED BY
L.W. Buckalew
TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) AND USERS OF THE ERIC SYSTEM."

U S DEPARTMENT OF HEALTH, EDUCATION & WELFARE NATIONAL INSTITUTE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

A Bibliography of Recent Alcohol Research

L. W. Buckalew

Alabama A & M University

BEST COPY AVAILABLE

ED158205

CG012800

Since the 'rediscovery' of fetal alcohol syndrome (FAS), by Jones, Smith, Ulleland, and Streissguth (1973), there appears to be a spirited rebirth in both research and public interest and concern with alcohol. This rekindling of alcohol research, supported by significant media treatment, has led to a solicitation of comments and editorial assistance from scientists and consumers by the U.S. Bureau of Alcohol, Tobacco, and Firearms in a January, 1978 Federal Register relative to the labeling of alcoholic beverages.

It was the purpose of this paper to provide the scientific community with a representative bibliography of recent (1973-77) alcohol research, categorized in terms of topical concerns. For those desiring a comprehensive compilation and treatment of alcohol research within an historical perspective, reference is made to the outstanding work by Warner and Rosett (1975) which traces scientific (medical) concern with alcohol back to the early 18th century. Their paper contains some 70 references.

Historical Treatment of Alcohol Research:

Warner, R. H., & Rosett, H. L. The effects of drinking on offspring: An historical survey of the American and British literature. J. Stud. Alcohol, 1975, 36(11), 1395-420.

Neurochemical Correlates of Alcohol Use or Preference:

Blum, K., Merritt, J. E., Reiter, R. J., & Wallace, J. E. A possible relationship between the pineal gland and ethanol preference in the rat. Curr. Ther. Res., 1973, 15(1), 25-30.

Geller, I. Ethanol preference in the rat following inhibition of liver alcohol dehydrogenase and S-adenosyl methionine. Trans. NY Acad. Sci., 1974, 36(5), 385-90.

Geller, I, Harhnann, R. J., & Messiha, F. S. Effect of cinanserin, a serotonin antagonist, on ethanol preference in the rat. Proc. West. Pharmacol. Soc., 1975, 18, 141-5.

Geller, I., & Messiha, F. S. Ethanol preference in the rat: Effect of 2, aminoethylisothiouronium bromide hydrobromide (AET) a possible modifier of NAD: NADH. Proc. West. Pharmacol. Soc., 1976, 19, 331-5.

Geller, I, & Purdy, R. Alteration of ethanol preference in rats; effects of beta-carbolines. Adv. Exp. Med. Biol., 1975, 59, 295-301.

Geller, I., Purdy, R., & Merritt, J. H. Alterations of ethanol preference in the rat: The role of brain biogenic amines. Ann. NY Acad. Sci., 1973, 215, 54-9.

Gilbert, R. M. A further failure to replicate an effect of oral anesthesia on alcohol consumption by rats. J. Stud. Alcohol, 1975, 36(5), 670-4.

Ho, A. K., & Kissin, B. Evidence of a central cholinergic role in alcohol preference. Adv. Exp. Med. Biol., 1975, 59, 303-10.

Ho, A. K., Tsai, C. S., Chen, R. C., Begleiter, H., & Kissin, B. Experimental studies on alcoholism. I. Increase in alcohol preference by 5. 6-dihydroxytryptamine and brain acetylcholine. Psychopharmacologia, 1974, 40(2), 101-7.

Hc, A. K. S., Tsai, C. S., & Kissin, B. Neurochemical correlates of alcohol preference in inbred strains of mice. Pharmacol. Biochem. Behav., 1975, 3(6), 1073-6.

Holman, R. B., Hoylard, V., & Shillito, E. E. The failure of p-chlorophenylalanine to affect voluntary alcohol consumption in rats. Br. J. Pharmacol., 1975, 53(2), 299-304.

Kahn, A. J., & Scudder, C. L. Alcohol withdrawal effects on brain serotonin in mice behaviorally attracted to alcohol. J. Stud. Alcohol, 1976, 37(11), 1572-80.

Lin, D. C. Brain and blood levels of ethanol and acetaldehyde in strains of mice with different preferences for ethanol. Res. Commun. Chem. Pathol. Pharmacol., 1975, 11(3), 365-71.

McCaughran, J. A., & Corcoran, M. E. Lithium reduces preference for ethanol induced by hypothalamic stimulation. J. Pharm. Pharmacol., 1977, 29(2), 120-1.

Messiha, F. S., & Geller, I. Effect of noreleagnine, a beta-carboline derivative, on ethanol preference in the rat. Proc. West. Pharmacol. Soc., 1976, 19, 336-40.

Myers, R. D., & Martin, G. E. The role of cerebral serotonin in the ethanol preference of animals. Ann. NY Acad. Sci., 1973, 215, 135-44.

Myers, R. D., & Melchior, C. L. Dietary tryptophan and the selection of ethyl alcohol in different strains of rats. Psychopharmacologia, 1975a, 42(2), 109-15.

Parker, L. F., & Radow, B. L. Effects of parachloropenylalanine (PCPA) on ethanol self-selection in the rat. Pharmacol. Biochem. Behav., 1976, 4(5), 535-40.

Reiter, R. J., Blum, K., Wallace, J. E., & Merritt, J. H. Pineal gland: Evidence for an influence on ethanol preference in male Syrian hamsters. Comp. Biochem. Behav., 1974, 47(1), 11-16.

Ross, D., Hartmann, R. J., & Geller, I. Ethanol preference in the hamster: Effects of morphine sulfate and naltrexone, a long-acting morphine antagonist. Proc. West. Pharmacol. Soc., 1976, 19, 326-30.

Sanders, B., Collins, A. C., & Wesley, V. H. Reduction of alcohol selection by pargyline in mice. Psychopharmacologia, 1976, 46(2), 159-62.

Schneider, C. W. Ethanol preference and behavioral tolerance in mice: Biochemical and neurophysiological mechanisms. J. Comp. Physiol. Psychol., 1973, 82(3), 466-74.

Nervous System Pathology/Dysfunction and Alcohol Consumption:

Amit, Z., Meade, R. G., & Singer, J. Effects of dorsal ventral lateral hypothalamic lesions on voluntary alcohol consumption by rats. J. Stud. Alcohol, 1976, 37(9), 1188-96.

Goodwin, D. W., Schulsinger, F., Hermansen, L., Guze, S. B., & Winokur, G. Alcoholism and the hyperactive child syndrome. J. Nerv. Ment. Dis., 1975, 160(5), 349-53.

Myers, R. D., & Melchior, C. L. Alcohol drinking in the rat after destruction of serotonergic and catecholaminergic neurons in the brain. Res. Commun. Chem. Pathol. Pharmacol., 1975b, 10(2), 363-78.

Tarter, R. E., McBride, H., Buonpane, N., & Schneider, D. U. Differentiation of alcoholics. Childhood history of minimal brain dysfunction, family history, and drinking pattern. Arch. Gen. Psychiatry, 1977, 34(7), 761-8.

Hereditary Factors Related to Alcohol Consumption:

Melchior, C. L., & Myers, R. D. Genetic differences in ethanol drinking of the rat following injection of 6-OHDA, 5,6-DHT or 5,7-DHT into the cerebral ventricles. Pharmacol. Biochem. Behav., 1976, 5(1), 63-72.

Omenn, G. S. Alcoholism: A pharmacogenetic disorder. Mod. Probl. Pharmacopsychiatry, 1975, 10, 12-22.

Randall, C. L., & Lester, D. Cross-fostering of DBA and C57B1 mice. Increase in voluntary consumption of alcohol by DBA weanlings. J. Stud. Alcohol, 1975, 36(7), 973-80.

Wood, W. G. Ethanol preference in C57BL/6 and BALB/c mice at three ages and eight ethanol concentrations. Exp. Aging Res., 1976, 37(11), 1564-71.

Environmental and Social Factors in Alcohol Use or Preference:

Deutsch, J. A., & Koopmans, H.-S. Preference enhancement for alcohol by passive exposure. Science, 1973, 179(79), 1242-3.

Freed, E. X. Fluid selection by rats during schedule-induced polydipsia. Q. J. Stud. Alcohol, 1974, 35(3), 1035-43.

Geiger, J. F., & Barker, L. W. Alcohol consumption by rat and mouse strains. Functions of taste and alcohol deprivation. J. Stud. Alcohol, 1976, 37(7), 950-8.

Meisch, R. A., & Beardsley, P. Ethanol as a reinforcer for rats: Effects of concurrent access to water and alternate positions of water and ethanol. Psychopharmacologia, 1975, 43(1), 19-23.

Sinclair, J. D. Motivation for alcohol in rats: Position and bottle preferences do not cause drinking. Drug Alcohol Depend., 1976, 1(5), 357-66.

Wilson, P., Webb, M. G., & Beckett, P. G. Induction of alcohol selection in laboratory rats by ultraviolet light. J. Stud. Alcohol, 1976, 37(7), 976-9.

Fetal Alcohol Syndrome:

Altman, B. Fetal alcohol syndrome. J. Pediatr. Ophthalmol., 1976, 13(5), 255-8.

Barry, R. G., & O'Nuallain, S. Case report. Foetal alcoholism. Ir. J. Med. Sci., 1975, 144(7), 286-8.

Christoffel, K. K., & Salafsky, I. Fetal alcohol syndrome in dizygotic twins. J. Pediatr., 1975, 87(6), 963-7.

Corrigan, G. E. The fetal alcohol syndrome. Tex. Med., 1976, 72(1), 72-4.

Jones, K. L. The fetal alcohol syndrome. Addict. Dis., 1975, 2(1-2), 79-88.

Jones, K. L., & Smith, D. W. The fetal alcohol syndrome. Teratology, 1975, 12(1), 1-10.

Jones, K. L., Smith, D. W., Ulleland, C. N., & Streissguth, A. P. Pattern of malformation in offspring of chronic alcoholic mothers. Lancet, 1973, 1, 1267-71.

Mankad, V. N., & Choksi, R. M. Letter: The fetal alcohol syndrome. JAMA, 1976, 236(10), 1114.

Mulvihill, J. J., Klimas, J. T., Stokes, D. C., & Risemberg, H. M. Fetal alcohol syndrome: Seven new cases. Am. J. Obstet. Gynecol., 1976, 125(7), 937-41.

Pierog, S., Chandavasu, O., & Wexler, I. Withdrawal symptoms in infants with the fetal alcohol syndrome. J. Pediatr., 1977, 90(4), 630-3.

Qazi, Q. H., & Masakawa, A. Altered sex ratio in fetal alcohol syndrome. Lancet, 1976, 2(7975), 42.

Tenbrinck, M. S., & Buchin, S. Y. Fetal alcohol syndrome: Report of a case. JAMA, 1975, 232(11), 1144-7.

Alcohol Toxicity:

Blinick, G., Wallach, R. C., Jerez, E., & Ackerman, B. D. Drug addiction in pregnancy and the neonate. Am. J. Obstet. Gynecol., 1976, 125(2), 135-42.

Cook, L. N., Shott, R. J., & Andrews, B. F. Acute transplacental ethanol intoxication. Am. J. Dis. Child., 1975, 129(9), 1075-6.

Cohen, M. I. The susceptibility of the fetus and child to chemical pollutants. Environmental exposures and biologic considerations of the adolescent in relation to chemical pollutants. Pediatr., 1974, 53(5), 845-50.

Forrest, J. M. Drugs in pregnancy and lactation. Med. J. Aust., 1976, 2(4), 138-41.

Johnson, C. F. Does maternal alcoholism affect offspring? Clin. Pediatr. (Phila), 1974, 13(8), 633-4.

Pierog, S., Chandavasu, O., & Wexler, I. (1977)

Himwich, W. A., Hall, J. S., & MacArthur, W. F. Maternal alcohol and neonatal health. Biol. Psychiatry, 1977, 12(4), 495-505.

Operation of the Nervous System and Alcohol Exposure:

Buckalew, L. W. Developmental and behavioral effects of maternal and fetal/neonatal alcohol exposure. Res. Commun. Psychol. Psychiatry Behav., 1977, 2, 179-191.

Jones, K. L. (1975)

Martin, J. J., Clara, R., Ceuterick, C., & Joris, C. Is congenital fibre type disproportion a true myopathy? Acta. Neurol. Belg., 1976, 16, 335-44.

Rawat, A. K. Neurochemical consequences of ethanol on the nervous system. Int. Rev. Neurobiol., 1976, 19, 123-72.

Yanai, J., & Ginsburg, B. E. Audiogenic seizures in mice whose parents drank alcohol. J. Stud. Alcohol, 1976, 37(11), 1564-71.

Alcohol Effects on Sex Ratio:

Buckalew, L. W. (1977)

Klassen, R. W., & Persaud, T. V. N. Experimental studies on the influence of male alcoholism on pregnancy and progeny. Exp. Pathol. (Jena), 1976, 12(1), 38-45.

Qazi, Q. H., & Masakawa, A. (1976)

Alcohol Effects on Growth and Development:

Buckalew, L. W. (1977)

Hollstedt, C., Olsson, O., & Rydberg, U. The effect of alcohol on the developing organism. Genetical, teratological and physiological aspects. Med. Biol., 1977, 55(1), 1-14.

Tze, W. J., & Lee, M. Adverse effects of maternal alcohol consumption on pregnancy and foetal growth in rats. Nature, 1975, 257(5526), 479-80.

Tze, W. J., Friesen, H. G., & MacLeod, P. M. Growth hormone response in fetal alcohol syndrome. Arch. Dis. Child., 1976, 51(9), 703-6.

Alcohol Preference as a Result of Exposure:

Bond, N. W., & Di Giusto, E. L. Effects of prenatal alcohol consumption on open-field behaviour and alcohol preference in rats. Psychopharmacologia, 1976, 46(2), 163-5.

Buckalew, L. W. (1977)

Cohen, M. I. (1974)

Samson, H. H., & Falk, J. L. Alteration of fluid preference in ethanol-dependent animals. J. Pharmacol. Exp. Ther., 1974, 190 (2), 365-76.

Seixas, F. A. Alcohol preference. Ann. NY Acad. Sci., 1973, 215, 124-5.

Needs and Directions for Alcohol Research and Related Practice:

El-Guebaly, N., & Offord, D. The offspring of alcoholics: A critical review. Am. J. Psychiatry, 1977, 134(4), 357-65.

MacDonald, E. B., & Patel, A. R. Attitudes towards alcoholism. Br. Med. J., 1975, 2(5968), 430-1.

Streissguth, A. P. Maternal drinking and the outcome of pregnancy: Implications for child mental health. Am. J. Orthopsychiatry, 1977, 47(3), 422-31.

Alcohol Research Manuscripts in Preparation or Published (post-March) by Author:

Buckalew, L. W. Alcohol: A description and comparison of recent scientific vs. public knowledge. J. Clin. Psychol., 1978, in press.

Buckalew, L. W. Alcohol: A problem of awareness. J. Alcohol Drug Ed., 1978, in press.

Buckalew, L. W. The effect of maternal alcohol exposure on offspring activity level.

Buckalew, L. W. An instrument for the investigation of public alcohol awareness.

Buckalew, L. W. Prenatal exposure, bottle position and housing effects on alcohol preference.

Note: bibliographic entries limited to author's name and publication date represent cross references to previously listed studies. Additionally, many of the studies categorized specifically also make note of interests and findings in other areas of alcohol research, though they are not references.